

AMENDMENTS TO THE CLAIMS

Claims 1 to 20 (Cancelled)

Claims 21-30 (Cancelled)

31. (Cancelled)

32. (Currently Amended) ~~The cast brake caliper of Claim 31~~ A cast brake caliper adapted for use in a disc brake assembly comprising:

a cast brake caliper having an inboard leg portion and an outboard leg portion which are interconnected by an intermediate bridge portion, the brake caliper having a pair of locating surfaces provided on the inboard leg portion and a locating recess provided on the outboard leg portion;

wherein the pair of locating surfaces provided on the inboard leg portion and the locating recess provided on the outboard leg portion are integrally formed by a core member of a casting apparatus during the casting of the brake caliper;

wherein the caliper includes an opening formed beginning in the intermediate bridge portion and extending into the outboard leg portion and continuing over the locating recess provided on the outboard leg portion so that no portion of the intermediate bridge portion covers the locating recess to thereby enable an extension of the core member to form the locating recess on the outboard leg portion during the casting of the brake caliper; and

wherein the locating recess provided on the outboard leg portion is a conical recess.

33. (Currently Amended) ~~The cast brake caliper of Claim 31~~ 32 wherein the pair of locating surfaces provided on the inboard leg portion are generally flat surfaces.

34. (Currently Amended) The cast brake caliper of Claim ~~31~~ 32 wherein the brake caliper further includes a pair of clamping surfaces provided on the inboard leg portion, wherein the pair of clamping surfaces are integrally formed by a core member during the casting of the brake caliper.

35. (Currently Amended) The cast brake caliper of Claim ~~31~~ 32 wherein the cast brake caliper is one of a vertically cast brake caliper and a horizontally cast brake caliper.

36. (Currently Amended) The cast brake caliper of Claim ~~31~~ 32 wherein the cast brake caliper is a twin piston brake caliper.

37. (Previously Presented) A cast brake caliper adapted for use in a disc brake assembly comprising:

a cast brake caliper having an inboard leg portion and an outboard leg portion which are interconnected by an intermediate bridge portion, the brake caliper having a pair of generally flat locating surfaces provided on the inboard leg portion and a locating conical recess provided on the outboard leg portion;

wherein the pair of generally flat locating surfaces provided on the inboard leg portion and the locating conical recess provided on the outboard leg portion are integrally formed by a core member of a casting apparatus during the casting of the brake caliper; and

wherein the caliper includes an opening formed beginning in the intermediate bridge portion and extending into the outboard leg portion and continuing over the locating conical recess provided on the outboard leg portion so that no portion of the intermediate bridge portion covers the locating recess to thereby enable an extension of the core member to form the locating conical recess on the outboard leg portion during the casting of the brake caliper.

38. (Previously Presented) The cast brake caliper according to Claim 37 wherein the brake caliper further includes a pair of clamping surfaces provided on the inboard leg portion, wherein the pair of clamping surfaces are integrally formed by a core member during the casting of the brake caliper.

39. (Previously Presented) The cast brake caliper of Claim 37 wherein the cast brake caliper is one of a vertically cast brake caliper and a horizontally cast brake caliper.

40. (Previously Presented) The cast brake caliper of Claim 37 wherein the cast brake caliper is a twin piston brake caliper.

41. (Currently Amended) The cast brake caliper of Claim ~~31~~ 32 wherein the cast brake caliper includes at least one brake piston bore formed therein.

42. (Previously Presented) The cast brake caliper of Claim 37 wherein the cast brake caliper includes at least one brake piston bore formed therein.

43. (Cancelled)

44. (Currently Amended) ~~The cast brake caliper of Claim 43~~ A cast brake caliper adapted for use in a disc brake assembly comprising:

a cast brake caliper formed from a suitable castable material and having an inboard leg portion and an outboard leg portion which are interconnected by an intermediate bridge portion, the brake caliper having a pair of locating surfaces provided on the inboard leg portion, a locating recess provided on the outboard leg portion, and at least one piston bore formed therein;

wherein the pair of locating surfaces provided on the inboard leg portion and the locating recess provided on the outboard leg portion are integrally formed by a core member of a casting apparatus during the casting of the brake caliper;

wherein the caliper includes an opening formed beginning in the intermediate bridge portion and extending into the outboard leg portion and continuing over the locating recess provided on the outboard leg portion so that no portion of the intermediate bridge portion covers the locating recess to thereby enable an extension of the core member to form the locating recess on the outboard leg portion during the casting of the brake caliper; and

wherein the locating recess provided on the outboard leg portion is a conical recess.

45. (Currently Amended) The cast brake caliper of Claim 43 44 wherein the pair of locating surfaces provided on the inboard leg portion are generally flat surfaces.

46. (Currently Amended) The cast brake caliper of Claim 43 44 wherein the brake caliper further includes a pair of clamping surfaces provided on the inboard leg portion, wherein the pair of clamping surfaces are integrally formed by a core member during the casting of the brake caliper.

47. (Currently Amended) The cast brake caliper of Claim ~~43~~ 44 wherein the cast brake caliper is one of a vertically cast brake caliper and a horizontally cast brake caliper.

48. (Currently Amended) The cast brake caliper of Claim ~~43~~ 44 wherein the cast brake caliper includes two piston bores formed therein.